

Notice of Allowability

Application No.

10/612,396

Examiner

Kiet Doan

Applicant(s)

MAUNEY ET AL.

Art Unit

2617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 08/06/07.
2. ☒ The allowed claim(s) is/are 1-4,7-12,17-22,24-30,33-37 and 39-49.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

1. This office action is response to Remarks file on 08/06/2007.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Jeffrey W. Gluck at (202) 572-0322 on 10/15/2007 on.

The examiner amendment as follow:

Claims 5, 6, 13-16, 23, 31, 32, 38 are cancelled.

Claim 7 dependent on claim 1.

Claim 17 dependent on claim 12.

Claims 24-26 dependent on claim 21

Claim 39 dependent on claim 36.

Claim 1. A proximal wireless communication device comprising:

a memory to store a plurality of entries identifying a set of wireless network devices, each entry of the plurality of entries associated with a wireless network device of the set of wireless network devices and including a unique device identification number;

circuitry to enable selection of one or more entries from the plurality of entries to provide one or more selected entries;

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circuitry to generate a find signal based on said one or more selected entries;
and

wireless communication circuitry configured to transmit the find signal to
determine whether the wireless network device associated with a selected entry of the
plurality of entries is within range to establish a handset-to-handset communication,

wherein the wireless communication circuitry is configured to issue a page
message including the unique identification number associated with the selected entry,

wherein the wireless communication circuitry is configured to receive a page
response including the unique identification number associated with a selected entry;
and wherein the wireless communication circuitry is configured to establish a voice
communication link with the wireless network device associated with the unique
identification number.

Claim 12. A method for communicating directly with a wireless
communication device, the method comprising:

in response to selection of an entry from a plurality of entries identifying a
plurality of authorized wireless communication devices, the entry associated with a
wireless communication device and including an identification number associated with
the wireless communication device;

transmitting a finding message including the identification number associated
with the wireless communication device;

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receiving a response message including the identification number associated with the wireless communication device; and

transmitting a call request including the identification number to the wireless communication device,

establishing a communication channel with the wireless communication device, to communication channel support at least one type of communication selected from the group consisting of: a voice communication, a short range message communication, and a list of identified wireless communication devices.

Claim 21. A method of communicating from a first wireless communication device to a second wireless communication device, the method comprising:

receiving a find request message including a first identification number associated with the first wireless communication device and a second identification number associated with the second wireless communication device;

determining whether the second identification number is included in a list of wireless device identification numbers identifying a set of authorized direct connection wireless communication devices;

transmitting a response message including the first identification number and the second identification number; and

receiving a call request including the first identification number and the second identification number, further comprising:

negotiating a direct connection channel with the second wireless communication

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device; and initiating a communication with the second wireless communication device over the direct connection channel.

Claim 28. A proximal wireless communication device comprising:

a memory to store a plurality of entries identifying a set of wireless network devices, each entry of the plurality of entries associated with a wireless network device of the set of wireless network devices and including a unique device identification number; and

wireless communication circuitry configured to transmit a find signal to determine whether the wireless network device associated with a selected entry of the plurality of entries is within range to establish a handset-to-handset communication,

wherein the wireless communication circuitry is configured to receive a response signal indicating that the wireless network device associated with the selected entry is within range to establish a handset-to-handset communication; and

wherein the memory further includes a record indicating a found status associated with a unique device identification number included in the response signal,

wherein the wireless communication circuitry is configured to issue a page message including the unique identification number associated with the selected entry,

wherein the wireless communication circuitry is configured to receive a page response including the unique identification number associated with a selected entry; and wherein the wireless communication circuitry is configured to establish a voice

communication link with the wireless network device associated with the unique identification number.

Claim 30. A processor-readable medium containing program instructions that, when executed by a processor, cause the processor to implement a method for communicating directly with a wireless communication device, the method comprising:

enabling selection of an entry from a plurality of entries identifying a plurality of authorized wireless communication devices, the entry associated with a wireless communication device and including an identification number associated with the wireless communication device;

transmitting a find message including the identification number associated with the wireless communication device;

receiving a response message including the identification number associated with the wireless communication device; and

transmitting a call request including the identification number to the wireless communication device, wherein the method further comprises:

initiating a communication with the wireless communication device,

wherein the communication comprises a communication selected from the group consisting of: a voice communication, a short range message communication, and a list of identified wireless communication devices.

Claim 36. A processor-readable medium containing program instructions that, when executed by a processor, cause the processor to implement a method of communicating from a first wireless communication device to a second wireless communication device, the method comprising:

receiving a find request message including a first identification number associated with the first wireless communication device and a second identification number associated with the second wireless communication device;

determining whether the second identification number is included in a list of wireless device identification numbers identifying a set of authorized direct connection wireless communication devices;

transmitting a response message including the first identification number and the second identification number; and

receiving a call request including the first identification number and the second identification number, wherein the method further comprises:

negotiating a direct connection channel with the second wireless communication device; and

initiating a communication with the second wireless communication device over the direct connection channel.

Claim 41. A proximal wireless communication device comprising:
means for storing a plurality of entries identifying a set of wireless network devices, each entry of the plurality of entries associated with a wireless network device

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of the set of wireless network devices and including a unique device identification number;

means for enabling selection of one or more entries from the plurality of entries to provide one or more selected entries;

means for generating a find signal based on said one or more selected entries;
and

means for transmitting the find signal to determine whether the wireless network device associated with a selected entry of the plurality of entries is within range to establish a handset-to-handset communication,

wherein the wireless communication circuitry is configured to issue a page message including the unique identification number associated with the selected entry,

wherein the wireless communication circuitry is configured to receive a page response including the unique identification number associated with a selected entry;
and wherein the wireless communication circuitry is configured to establish a voice communication link with the wireless network device associated with the unique identification number.

Allowable Subject Matter

3. The following is an examiner's statement of reasons for allowance:

Claims 1, 12, 21, 28, 30, 36, 41 are allow according to remarks file on 08/06/2007 and further examiner amendment as in this instant office action.

Claims 2-4, 7-11, 29, 18-20, 22, 24-27, 33-35, 37, 39-40, 42-49 are allow as being dependent on the independent claims 1, 12, 21, 30, 36 and 41.

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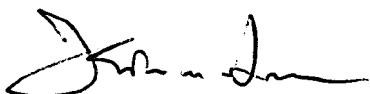
Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kiet Doan whose telephone number is 571-272-7863. The examiner can normally be reached on 8am - 5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph H. Feild can be reached on 571-272-4090. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Kiet Doan
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